Aditya Singh Baghel

Aspiring Data Scientist | Python, ML & Computer Vision

✉ adityabharadwaj22.08@gmail.com | 📞 9340846607 | 📍 Rewa , Madhya Pradesh

🔗 https://github.com/ArBaghel | 🔗 https://linkedin.com/comm/mynetwork/discovery-see-all

SUNSTONE

Skills

Hard Skills: Python, C++, Supervised Learning, Computer Vision, Data-Driven Decision Making, Big Data Processing, Data Modeling, MySQL, Power BI

Soft Skills: Communication, Critical thinking, Teamwork, Problem-Solving, Team Collaboration

Technical Projects

Object Detection   *2025*

Python, Computer Vision

🔗 GitHub Repository   ↗ Live Demo

Developed a real-time object detection system using YOLOv8, capable of detecting multiple object classes across images, recorded videos, and live webcam feeds with high accuracy.Achieved real-time inference performance (25–40 FPS) by optimizing the model for both CPU and GPU execution, improving pro

WhatsApp AI Health Assistant ChatBot.   *2025*

Python, Generative AI, API Integration

🔗 GitHub Repository   ↗ Live Demo

Built an AI-powered WhatsApp healthcare assistant chatbot using Python and Generative AI, enabling 24/7 automated health support through a familiar messaging interface.Implemented real-time symptom assessment and health information retrieval, reducing response time to under 2 seconds per query via o

Exploratory Data Analytics   *2024*

Python, Data-Driven Decision Making, Data Visualization Tools, Data Cleaning

🔗 GitHub Repository   ↗ Live Demo

Conducted end-to-end Exploratory Data Analysis (EDA) on multiple real-world datasets including food consumption, loan data, Netflix titles, and world population, uncovering meaningful patterns and trends to support data-driven decision making.Performed comprehensive data cleaning and preprocessing (

Problem Solving & Data Structures

Proficient in solving problems with Python data structures like lists, dictionaries, stacks, queues, trees, and graphs, supported by foundational knowledge of dynamic programming, recursion, and greedy algorithms. Demonstrates understanding of Big O analysis and optimization techniques, with practical experience using Git, VS Code, MySQL, PySpark, and NoSQL via Python APIs. Applied computer vision with OpenCV and has familiarity with system design principles such as caching and load balancing.

Education

SAGE University Bhopal
B.Tech | Computer Science Engineering (2023 - 2027)

SAGE University
B. Tech / BE | Computer Science (2027)   **CGPA: 9.5**

Model Higher Secondary School
Class XII (2022)   **Percentage: 87.8**

Model Higher Secondary School
Class X (2020)   **Percentage: 95**

Certifications

- Introduction to Structured Query Language - University of Michigan by Coursera (September 2025)
- Machine learning - Stanford Online by Coursera (October 2025)

Achievements

- Won student of the Year title in Sunstone Bhopal showcasing critical thinking & analytical skills.
- Secured winner position in Cricket at Sports Mania 2024, demonstrating teamwork and competitive spirit.
- Led peer-to-peer sessions on data analytics life cycle, demonstrating expert instruction.